

International application No. PCT/KR2004/001594

CLASSIFICATION OF SUBJECT MATTER

IPC7 H04B 1/38

According to International Patent Classification (IPC) or to both national classification and IPC

FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A45C 11/00, H02J 7/00, H04B1/38, H04B7/26, H04M1/02, H04M1/11, H04M1/21

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the intermational search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| Y | JP 12-175720 A(Kabushiki Kaisha TOSHIBA) 27. June 2000 the hole document | 1-8 |
| Y | KR 263493 Y(LEE JUNG HOON) 4. February 2002 the hole document | 1-8 |
| A | JP 13-292215(FUKUNAGAATSUSHI) 19. October 2001 the hole document | 1-8 |
| | | |

| Further documents are listed in the continuation of Box C. |
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| Further documents are listed in the continuation |

See patent family annex.

- Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- earlier application or patent but published on or after the international filing date
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Date of mailing of the international search report

Date of the actual completion of the international search

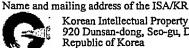
22 SEPTEMBER 2004 (22.09.2004)

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/KR2004/001594

| | Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---|------------------|-------------------------|---------------------|
| į | JP 12-175720A | 27. 06. 2000 | None | |
| | KR 263493Y | 04. 02. 2002 | None | |
| | JP 13-292215A | 19. 10. 2001 | None | |